

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

LISTING No. 3225-1581:107 Page 1 of 1

CATEGORY: Fire Dampers

LISTEE: Acme Engineering & Mfg. Corp., P.O. Box 978, Muskogee, OK 74402  
Contact: Michael Almaguer (918) 684-0523

DESIGN: Models FD-180, FSD-181 and FSD-182 single and multi blade type fire rated dampers. Unit is constructed of No. 20 Gage galvanized steel frame, No. 24 gage galvanized steel blades. Refer to listee's data sheet for detailed product description and operational considerations. Sizes of dampers are as follow:

| <u>Model</u> | <u>Construction</u> | <u>Width, Inch</u> |             | <u>Height, Inch</u> |             |
|--------------|---------------------|--------------------|-------------|---------------------|-------------|
|              |                     | <u>Min.</u>        | <u>Max.</u> | <u>Min.</u>         | <u>Max.</u> |
| FSD          | Single section      | 8                  | 30          | 8                   | 50          |
|              | Multiple section    | 8                  | 90          | 8                   | 100         |
| FD           | Single section      | 8                  | 30          | 8                   | 50          |
|              | Multiple section    | 8                  | 90          | 8                   | 100         |

RATING: 1-1/2 hour

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, classification and UL label.

APPROVAL: Listed as 1-1/2 hour fire-rated dampers for use in heating, ventilating and air conditioning systems passing through fire resistive walls and partitions. Intended for use with approved damper operators. For vertical installation installations only.

NOTE: For leakage classification, refer to CSFM Listing No. 3230-1581:108

XLF: 3225-0368:115

11-04-2001



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

**JUNE 6, 2002**

*Listing Expires **June 30, 2003***

Authorized By:

**DIANE K. AREND**, Senior Deputy  
Program Manager